

623.8.1

623.8.1-Repairing Concrete Structures: The quantities, determined as provided above, will be paid for at the contract unit prices bid for the items listed in 623.9.1, which prices and payments shall be full compensation for furnishing all the material and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, supplies, and incidentals necessary to complete the work.

623.8.2-Covering Structural Steel: The quantity, determined as provided above, will be paid for at the contract unit price bid for the item in 623.9.2, which price and payment shall be full compensation for furnishing all the materials, including reinforcing mesh and rods, and doing all the work prescribed in a workmanlike and acceptable manner, including all labor, tools, equipment, supplies and incidentals necessary to complete the work.

623.9-PAY ITEMS:

623.9.1-Repairing Concrete Structures:

ITEM	DESCRIPTION	UNIT
623001-*	CEMENT FOR SHOTCRETE	HUNDRED WEIGHT (100 KILOGRAM)
623002-*	REINFORCING MESH	POUND (KILOGRAM)
623003-*	HOOK EXPANSION ANCHOR BOLT	EACH

* Sequence number

623.9.2-Covering Structural Steel:

ITEM	DESCRIPTION	UNIT
623004-*	SHOTCRETE	SQUARE FOOT (METER)

* Sequence number

SECTION 624 PREFORMED ELASTOMERIC JOINT SEALER

624.1-DESCRIPTION:

This work shall include furnishing and installing preformed elastomeric joint sealers for bridge decks in accordance with these Specifications and in reasonably close conformity with the lines and grades shown on the Plans or established by the Engineer. The joint sealer, to serve both as a filler and a sealer, shall be furnished in the form of an extruded compartmented tube.

624.2-MATERIALS:

Material for preformed elastomeric joint sealer shall conform to the requirements of [708.2](#).

CONSTRUCTION METHODS

624.3-PREPARATION OF JOINT:

The joint shall be formed to provide the nominal opening at the specified temperature as shown on the Plans, edges of concrete or epoxy mortar adjacent to the joint shall be rounded to a radius of not more than ¼ inch (6 mm). A joint having insufficient opening may be required to be sawed or ground to the proper size. Where a joint opening is larger than that specified, the Contractor may be required to build up the joint with epoxy mortar or to furnish a larger size sealer as determined by the Engineer. The cost of any such additional work or material shall be borne by the Contractor.

Before placement of the sealer, the joint shall be thoroughly cleaned by brushing, compressed air or other means, so that it is free from dust, oil, grease or other foreign materials.

624.4-INSTALLATION:

The sealer shall be installed by suitable hand or machine tools which will not cause injury to the material during installation. A lubricant or lubricant-adhesive shall be used if, and as, recommended by the manufacturer of the sealer. During installation, the sealer shall not be subjected to lengthwise stretching; the length to be installed shall be measured prior to installation and cut or marked to indicate the installed length. Sealer for transverse joints shall be in one continuous length; longitudinal joint sealers may be spliced at intervals of not less than 50 ft. (15 meters) except where intersected by transverse joints. The top surface of the sealer after installation shall be ¼ in. (6 mm), with a plus 1/16 in. (2 mm) tolerance, below the adjacent roadway surface.

624.5-METHOD OF MEASUREMENT:

When this Item is called for on the Plans, the filler and joint sealer will be measured in place in linear feet (meters).

624.6-BASIS OF PAYMENT:

The cost of preformed elastomeric joint sealer, complete in place, including lubricant or lubricant-adhesive will be paid for at the contract unit price bid for the item listed below, which price and payment shall be full compensation for furnishing all the materials and doing all the work prescribed in a workmanlike and acceptable manner including all labor, tools, equipment, supplies and incidentals necessary to complete the work.

624.7-PAY ITEMS:

ITEM	DESCRIPTION	UNIT
624001-*	PREFORMED ELASTOMERIC JOINT SEALER	LINEAR FOOT (METER)

* Sequence number